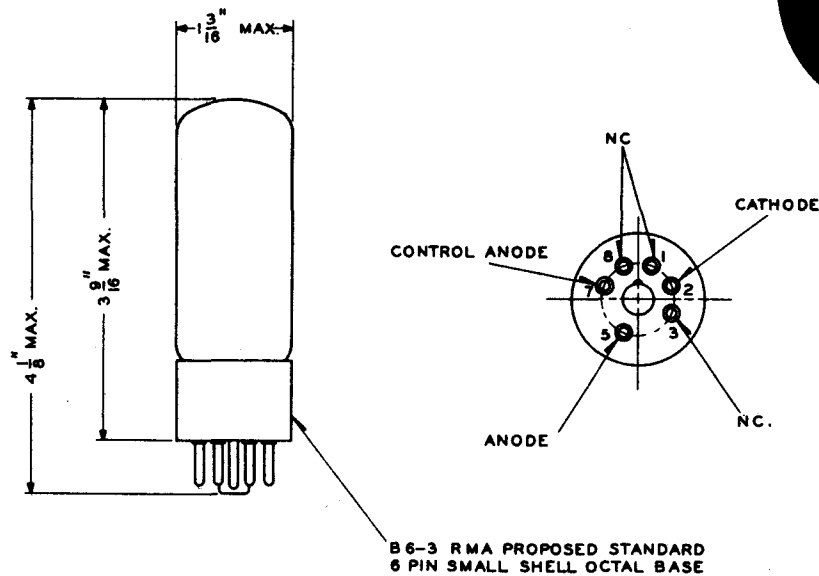


ADVANCE ELECTRON TUBE DATA SHEET
 WESTERN ELECTRIC 5589* ELECTRON TUBE

5589
 COLD CATHODE
 3 ELECTRODE



CLASSIFICATION

Three-electrode, inert-gas-filled, cold cathode tube.

MOUNTING

The tube may be mounted in any position.

MAXIMUM RATINGS (ABSOLUTE VALUES)

Peak Anode Voltage	
Inverse	200 volts
Forward	275 volts
Cathode Current	
Peak	200 milliamperes
Direct Current for life of 1,000 hours	35 milliamperes
Direct Current for life of 10,000 hours	20 milliamperes
Frequency	60 cycles/second
Ambient Temperature Limits	-40 to +80° centigrade
Peak Starter Current	
Starter Voltage, Positive	100 milliamperes
Starter Voltage, Negative	1.0 milliampere

ELECTRICAL DATA

	MIN.	BOGEY	MAX.
Anode Voltage Drop	55	65	70 volts
Starter Voltage Drop	55	60	70 volts
Starter Breakdown Voltage	70	80	90 volts
Required Transfer Current,			
Anode at 130 volts	200	---	--- microamperes
Deionization Time, approx.	---	2000	--- microseconds